

ABSTRACT OF THE DISCLOSURE

A terminal comprises a packet receiving unit, a packet sending unit, a link-state detecting unit that detects a link-up to a switching device, a configuration-change notifying unit, and a resource reservation table. When the link-state detecting unit detects a link-up, the terminal notifies network configuration information and network resource reservation information to a management device. When a link state is changed, the management device can immediately manage the network based on the latest network configuration information and the latest network resource information.